Appln. No. 09/693 Filed: October 20, 141 signal, for a motor control circuit responsive to the motor and for determining the direction of rotation of the motor output shaft; a motor control circuit responsive to the pulse Atty. Docket No. PATENT 70102 for detecting a detector coupled to the motor control of a more above to the motor control of a more above to the motor control of the a detector coupled to the motor control circuit movement of a movable barrier and pulse signal a controller tor controlling the pulses in the characteristic, wherein, in accordance with the detected characteristic, a show in initial characteristic, a a controller for controlling the pulses in the Speed of the motor is linearly varied from an initial speed to an adjusted speed. Wherein the detected predetermined characteristic relating to order on the order of the control according to the order of Movement the detected predetermined characteristic relating to the movable barrier comprises one of a position of the movable barrier comprises one of a position of the movable barrier operator, a mode of operation of the movable harrier operator, a mode of operation of the the movable barrier operator, a mode or operator, a length of travel of the movable harrier, and a hazardous condition barrier, a type of movable barrier, and a hazardous condition associated with movement of the movable parrier. wherein the hazardous condition comprises a barrier $^{\mathrm{obst_{ruct_{ion}}}}$ Amotor control according to claim 33 Wherein 35. (New)
Weight. Size. and Construct of Movable barrier comprises one of weight, size, and construction of the movable barrier. wherein the detected predetermined characteristic relating to

Appln. No. 09/693,141 PATENT Filed: October 20, 2000 Atty. Docket No. 70102

movement of the movable barrier comprises feedback associated with movement of the movable barrier.

37. (New) A method of controlling a motor of a movable barrier operator, comprising:

detecting a predetermined characteristic relating to movement of a movable barrier; and

linearly varying a speed of a motor from an initial speed to an adjusted speed in accordance with the detected characteristic.

- 38. (New) A method of controlling a motor according to claim 37 wherein detecting a predetermined characteristic relating to movement of the movable barrier operator comprises detecting one of a position of the movable barrier, a mode of operation of the movable barrier, a length of travel of the movable barrier, a type of movable barrier, and a hazardous condition associated with movement of the movable barrier.
- 39. (New) A method of controlling a motor according to claim 38 wherein detecting a type of movable barrier comprises detecting one of weight, size, and construction of the movable barrier.
- 40. (New) A method of controlling a motor according to claim 37 wherein detecting a predetermined characteristic relating to movement of a movable barrier comprises detecting feedback associated with movement of the movable barrier.

REMARKS

Upon entry of the instant amendment, claims 32-40 are pending in the application. Claims 6 and 31 have been canceled and new claims 32-40 have been added.

